

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/699,667A

DATE: 08/17/2001

TIME: 14:26:26

Input Set : A:\258-235.txt

Output Set: N:\CRF3\08172001\I699667A.raw

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NOV 13 2001

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TYPE

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11-15-01

RAW
SEQ
Listing

ENTERED

3 <110> APPLICANT: Perreault, Jean-Pierre
 4 Ananvoranich, Sirinart
 5 Lafontaine, Daniel
 6 Universite de Sherbrooke
 8 <120> TITLE OF INVENTION: Nucleic Acid Enzyme for RNA Cleavage
 10 <130> FILE REFERENCE: 77473-12, 258/235
 12 <140> CURRENT APPLICATION NUMBER: US/09/699,667A
 13 <141> CURRENT FILING DATE: 2000-10-30
 15 <150> PRIOR APPLICATION NUMBER: PCT/CA99/00391
 16 <151> PRIOR FILING DATE: 1999-04-29
 18 <150> PRIOR APPLICATION NUMBER: CA 2,230,203
 19 <151> PRIOR FILING DATE: 1998-04-29
 21 <160> NUMBER OF SEQ ID NOS: 54
 23 <170> SOFTWARE: PatentIn Ver. 2.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 11
 27 <212> TYPE: RNA
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
 32 sequence comprised of ribonucleotides or a
 33 combination of ribonucleotides and
 34 deoxyribonucleotides
 36 <220> FEATURE:
 37 <221> NAME/KEY: misc_feature
 38 <222> LOCATION: (1) ... (11)
 39 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
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 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 11
 46 <212> TYPE: RNA
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
 51 sequence comprised of ribonucleotides or a
 52 combination of ribonucleotides and
 53 deoxyribonucleotides
 55 <220> FEATURE:
 56 <221> NAME/KEY: misc_feature
 57 <222> LOCATION: (6) ... (11)
 58 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
 60 <400> SEQUENCE: 2
 W--> 61 rrrhgnnhnn n 11
 63 <210> SEQ ID NO: 3
 64 <211> LENGTH: 11
 65 <212> TYPE: RNA

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66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
70     sequence comprised of ribonucleotides or a
71     combination of ribonucleotides and
72     deoxyribonucleotides
74 <220> FEATURE:
75 <221> NAME/KEY: misc_feature
76 <222> LOCATION: (6) ... (11)
77 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
79 <400> SEQUENCE: 3
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82 <210> SEQ ID NO: 4
83 <211> LENGTH: 11
84 <212> TYPE: RNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
89     sequence comprised of ribonucleotides or a
90     combination of ribonucleotides and
91     deoxyribonucleotides
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <222> LOCATION: (6) ... (11)
96 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
98 <400> SEQUENCE: 4
W--> 99 gggcgnnhnn n                                     11
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103 <212> TYPE: RNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
108     sequence comprised of ribonucleotides or a
109     combination of ribonucleotides and
110     deoxyribonucleotides
112 <220> FEATURE:
113 <221> NAME/KEY: misc_feature
114 <222> LOCATION: (6) ... (11)
115 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
117 <400> SEQUENCE: 5
W--> 118 gggugnnunn n                                     11
120 <210> SEQ ID NO: 6
121 <211> LENGTH: 12
122 <212> TYPE: RNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
127     sequence comprised of ribonucleotides or a

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128      combination of ribonucleotides and
129      deoxyribonucleotides
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (6) ... (12)
134 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
136 <400> SEQUENCE: 6
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139 <210> SEQ ID NO: 7
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147      combination of ribonucleotides and
148      deoxyribonucleotides
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151 <221> NAME/KEY: misc_feature
152 <222> LOCATION: (6) ... (11)
153 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
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W--> 156 aaacgnnunn n 11
158 <210> SEQ ID NO: 8
159 <211> LENGTH: 11
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161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
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166      combination of ribonucleotides and
167      deoxyribonucleotides
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <222> LOCATION: (6) ... (11)
172 <223> OTHER INFORMATION: n is a or g or c or t/u, unknown, or other
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W--> 175 yhrhgnnhnn n 11
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179 <212> TYPE: RNA
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183 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
184      sequence
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187 gggcgggucg g 11
189 <210> SEQ ID NO: 10
190 <211> LENGTH: 10

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191 <212> TYPE: RNA
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194 <220> FEATURE:
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213 <210> SEQ ID NO: 12
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215 <212> TYPE: RNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
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222 <400> SEQUENCE: 12
223 gggccggucg g 11
225 <210> SEQ ID NO: 13
226 <211> LENGTH: 11
227 <212> TYPE: RNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
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250 <211> LENGTH: 11
251 <212> TYPE: RNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA

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256 sequence
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263 <212> TYPE: RNA
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266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
268 sequence
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271 gggcgguucg g 11
273 <210> SEQ ID NO: 17
274 <211> LENGTH: 11
275 <212> TYPE: RNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
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282 <400> SEQUENCE: 17
283 gggcgggccg g 11
285 <210> SEQ ID NO: 18
286 <211> LENGTH: 11
287 <212> TYPE: RNA
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294 <400> SEQUENCE: 18
295 gggcggggcg g 11
297 <210> SEQ ID NO: 19
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299 <212> TYPE: RNA
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306 <400> SEQUENCE: 19
307 gggcgguag g 11
309 <210> SEQ ID NO: 20
310 <211> LENGTH: 11
311 <212> TYPE: RNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic RNA
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318 <400> SEQUENCE: 20
319 gggcgguug g 11
321 <210> SEQ ID NO: 21

VERIFICATION SUMMARY

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L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8